

570,268

Rec'd PCT/PTC 05 OCT 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

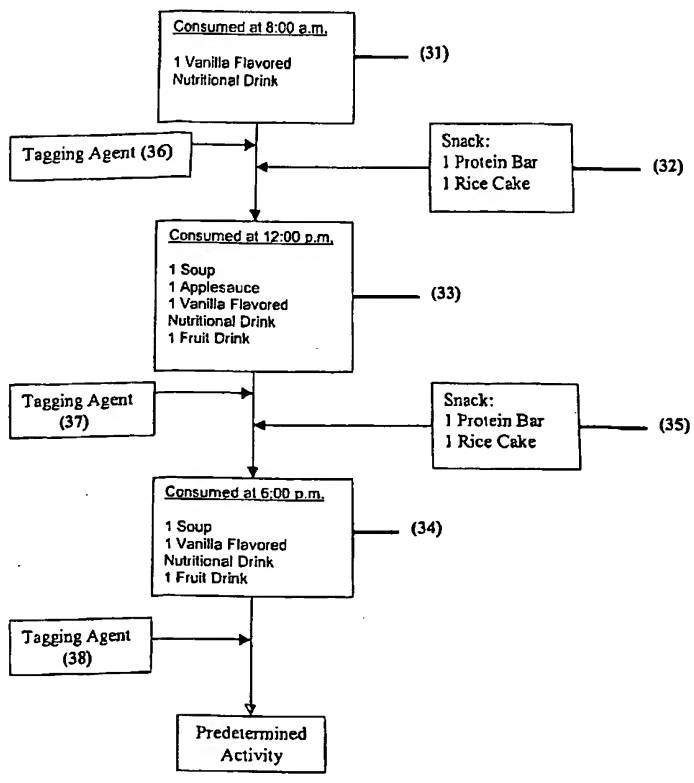
(10) International Publication Number
WO 03/086172 A2

- (51) International Patent Classification⁷: A61B
- (21) International Application Number: PCT/US03/10558
- (22) International Filing Date: 5 April 2003 (05.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/370,661 6 April 2002 (06.04.2002) US
- (71) Applicant (for all designated States except US): E-Z-EM, INC. [US/US]; i Park Building, Suite LL-26, 1111 Marcus Avenue, Lake Success, NY 11042 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LEFERE, Philippe [BE/BE]; Akkerstratt 34, B-8830, Hoogdele (BE).

- WILLIAMS, Archie [US/US]; 174 River Road, Smithtown, NY 11787 (US).
- (74) Agent: PARKER, Thomas, J.; Coudert Brothers LLP, 1114 Avenue of the Americas, New York, NY 10036 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: SYSTEM, FORMULATION, KIT AND METHOD FOR TAGGING COLONIC RESIDUE IN AN INDIVIDUAL



(57) Abstract: This invention relates to a colonic residue tagging system, formulation, kit and method for use in preparing an individual for a predetermined activity which requires tagging at least some colonic residue in a digestive tract such that a medically and/or diagnostically useful procedure can be performed on the digestive tract. Such predetermined activity includes, but is not limited to, colon screenings. In one alternative embodiment, a dietary regimen comprising low residue foods is coordinated with the colonic residue tagging regimen, prior to a predetermined activity, thereby resulting in tagged stool such that a medically or diagnostically useful procedure can be performed on the digestive tract. The present invention also provides an individual sufficient amounts of fluids and nutrition while minimizing the amount of stool formation prior to the predetermined activity. In another alternative embodiment, the foods comprise an effective amount of tagging agent, such that when the food is consumed over time, at least some of the colonic residue in the digestive tract will be sufficiently tagged so that a medically or diagnostically useful procedure can be performed on the digestive tract.

WO 03/086172 A2

WO 03/086172 A2



Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.